

87P02051

DC LOAD BREAK SWITCH INOSYS LBS MANUEL UL 500A 2P 1500VDC F3



Strong points

- High-performance power switching in a compact frame
- Safe & reliable operation
- Designed for harsh environments.
- Easy to install.
- Modular solution for flexible configuration

General characteristics

- Range 100 A to 1200 A.
- Up to 1500 VDC.
- High-performance switching with a compact design.
- Easy integration.
- Reinforced safety with visible breaking indication.
- High efficiency with low power loss.

Compliance with standards

- IEC 60947-3
- DC-21B & DC-PV2
- UL 98B
- CCC

Link to the reference

<https://apac.socomec.com/en/reference/87P02051>

INOSYS LBS is a range of load break switches that are available with manual controls. They may be operated manually using the handle to disconnect all or part of an electrical installation. They allow on-load opening and closing and safe disconnection of all direct current low voltage electrical circuits up to 1500 VDC and can be used for emergency disconnection applications. They are available for the DC-PV2 use category.

Classification

UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290

Commerce

Effective date	2018-08-01
Country of origin	TN
Length of the product unit	0.2
Width of the product unit	0.137
Depth of the product unit	0.11

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	1500
Rated operating voltage [V]	600..1500
Rated permanent current Iu [A]	500
Rated short-time withstand current Icw [kA]	8
Number of poles	2

ETIM - Mechanical characteristics

Suitable for floor mounting	No
Suitable for front mounting 4-hole	Yes
Suitable for front mounting centre	No
Suitable for distribution board installation	Yes
Suitable for intermediate mounting	Yes
Colour control element	Other
Degree of protection (IP), front side	IP20

ETIM - Technical features

Version as main switch	Yes
Version as maintenance-/service switch	Yes
Version as safety switch	Yes
Version as emergency stop installation	Yes
Version as reversing switch	No
Number of switches	1
Motor drive optional	No
Motor drive integrated	No
Voltage release optional	No
Device construction	Built-in device fixed built-in technique
Type of control element	Other
Interlockable	Yes
Type of electrical connection of main circuit	Bolt connection

Logistics

GTIN/EAN	3596033028229
Customs number	8535301090
Price unit	PC

Weight of the packing unit	3.72
Length of the packing unit	0.165
Width of the packing unit	0.205
Depth of the packing unit	0.39
Norms	
Conformity to standards	IEC UL
Technical Characteristics	
Control operator	Direct : E3 / External : S2L
Number of poles	2
Rated voltage	1500
Rated current	500
Type	Frontal or lateral operation
Frame size	F3